

• First Glances at New Books

Biography

PIONEER GIRL, The Early Life of Frances Willard—Clara Ingram Judson—Rand, McNally, 80 p., 50 c. Delightfully written for children and delightfully illustrated, this book tells about a little girl born just a century ago; she grew, later, to be very famous, and was a real pioneer in education, woman suffrage, and a host of other activities. But this book stops with her eighteenth birthday.

Science News Letter, April 29, 1939

Economics—Mining

MINERAL VALUATIONS OF THE FUTURE—C. K. Leith—Amer. Inst. of Mining and Metallurgical Engineers, 116 p., \$1.50; To members, \$1. Written primarily for the younger man in mining engineering, this volume discusses the significance of mineral values; new conditions, such as economic nationalism and other developments of a changing world, affecting them; future production and the time element—life and deferment cost; selling prices; profit; rate of profit in a mining investment and scarcity values. Prof. Leith concludes that on the whole the outlook indicates lower values for the private mine owner.

Science News Letter, April 29, 1939

Engineering

DIESEL ENGINES, THEORY AND DESIGN—Howard E. Degler—American Technical Society, 270 p., \$2.50. Prof. Degler's book is the fifth in a series on the Diesel engine, prepared by the same publisher. That the reader has a knowledge of the principles of mechanics is assumed. The efficiency of internal combustion engines; thermo-dynamics of internal combustion cycles; fuels, combustion and combustion chambers; testing and performance; principles of engine design and design of major engine parts are covered.

Science News Letter, April 29, 1939

Physics—Engineering

THE GYROSCOPE: ITS PRACTICAL CONSTRUCTION AND APPLICATION (Reissue)—P. P. Schilovsky—Chem. Pub. of N. Y., 224 p., \$3.50.

Science News Letter, April 29, 1939

Geography—Political Science

ELEMENTS OF POLITICAL GEOGRAPHY—Samuel Van Valkenburg; Cartography by Franklin C. Erickson—Prentice-Hall, 401 p., \$3.50. Europe's troubles today, as Germany goes about undoing the post-war settlement, make this new book

interesting reading. And it recalls to our attention the fact that in the last analysis, many of today's moving events find their root in fundamental natural facts; distribution of resources, relation of peoples to available land, etc.

Science News Letter, April 29, 1939

Engineering

CITY PLANNING, WHY AND HOW—Harold MacLean Lewis—Longmans, Green, 257 p., \$2.50. Written primarily for the layman, this book discusses city planning in terms of its relation to everyday life. The first half of Mr. Lewis' volume takes up the "whys" of city planning, and the second half, the "hows".

Science News Letter, April 29, 1939

Psychology

PSYCHOLOGICAL FOUNDATIONS OF PERSONALITY—Louis P. Thorpe—McGraw-Hill, 602 p., \$3.50. This work is intended as a text for teacher-training courses in this field and to clarify for teachers the many references to personality occurring in the literature they study. The author is a consulting psychologist and professor of education at the University of Southern California.

Science News Letter, April 29, 1939

Child Study

CHARACTER, GROWTH, EDUCATION—Fritz Kunkel; Barbara Keppel-Compton and Basil Druitt, translators—Lippincott, 348 p., \$3.50. A book based on the authors' "we-psychology" of interest to educators of young children and those in the field of child guidance.

Science News Letter, April 29, 1939

Education

EDUCATION OF THE HANDICAPPED. Vol. 1, History—Merle E. Frampton and Hugh Grant Rowell, eds.—World Book Co., 260 p., \$2.40. The blind, the deaf, those with speech defects, the crippled, the tubercular, the mentally deficient and the delinquent all need special care. Historic methods and modern attitudes are both discussed here, in material assembled by members of the faculty at Teachers College, Columbia University.

Science News Letter, April 29, 1939

Education

VOCATIONAL EDUCATION—John Dale Russell and associates—Govt. Print. Off., 325 p., 40 c. Prepared for President Roosevelt's Advisory Committee on Education as a report on the program of federal aid in this field.

Science News Letter, April 29, 1939

History—Engineering

THE ROMANCE OF AMERICAN TRANSPORTATION—Franklin M. Reck—Crowell, 253 p., illus., \$2.50. A survey of the complex transportation system which has been developed in the United States since earliest days. Like any such systematic and historic volume as this, a few slight inaccuracies are to be noted, but they are not of much importance. The book is generally one of the most ably handled volumes in this class. The illustrations are excellent.

Science News Letter, April 29, 1939

Ornithology

THE WATCHER AT THE NEST—Margaret Morse Nice—Macmillan, 159 p., \$2. Sitting in a blind to watch the doings of small birds not only yields interesting information but gives excellent practice in the somewhat neglected virtue of silent contemplation. Results of much activity of this kind are beautifully evident in this book.

Science News Letter, April 29, 1939

Botany

THE LEGUMINOUS PLANTS OF WISCONSIN—Norman C. Fassett—Univ. of Wisconsin Press, 157 p., \$3. A carefully done, excellently illustrated monographic treatment that will be invaluable to field botanists in Wisconsin and the Midwest generally, and to taxonomists everywhere.

Science News Letter, April 29, 1939

Psychology

THE THEORY AND PRACTICE OF PERSONAL COUNSELING—Hugh M. Bell—Stanford Univ. Press, 167 p., \$1.25. Recommendations for the use of the author's Adjustment Inventory and information regarding the method by which it was developed. A photolith book.

Science News Letter, April 29, 1939

Psychology

NEW WAYS IN PSYCHOANALYSIS—Karen Horney—Norton, 313 p., \$3. A follower of Freud, former secretary of the Berlin Psychoanalytic Institute, writes this "critical re-evaluation of psychoanalytical theories" because of a dissatisfaction with therapeutic results and the inadequacy of these theories for solving all the problems of the patient.

Science News Letter, April 29, 1939

Psychology—Medicine

THE DOCTOR PRESCRIBES MUSIC—Edward Podolsky—Stokes, 134 p., \$1.50. Urging music for ills, both mental and physical.

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